



LOWER PLATTE SOUTH

natural resources district

3125 Portia Street | P.O. Box 83581 • Lincoln, Nebraska 68501-3581

P: 402.476.2729 • F: 402.476.6454 | www.lpsnrd.org

Memorandum

Date: April 10, 2020
To: Platte River Subcommittee
From: David Potter, Assistant General Manager
Subject: April 9, 2020 Platte River Subcommittee Meeting Minutes

The Platte River Subcommittee had a virtual (Go-To) meeting on Thursday, April 9th hosted from the Lower Platte South NRD office. Subcommittee members participating included Milt Schmidt, Karen Amen, Gary Hellerich, Chelsea Johnson, Dan Steinkruger, and Ray Stevens. Members not participating included Don Jacobson and Sarah Wilson. Others participating were Greg Osborn, Paul Zillig and David Potter. The meeting was called to order at 5:35 p.m. by Acting Chair Chelsea Johnson.

The first item was consideration of a USGS stream gage agreement extension or modification between USGS and the Lower Platte River Corridor Alliance (LPRCA). This is the monitoring gage on the Platte River Chute near Camp Ashland that is funded entirely by the Nebraska National Guard through the LPRCA. It's a one-year extension without any cost to the LPRCA or the National Guard due to last year's flooding which compromised the gage(s). **It was moved by Hellerich, seconded by Stevens and unanimously approved to recommend to the Board of Directors a joint funding agreement modification between USGS and LPRCA for the National Guard Platte River Chute Monitoring Gage to extend water quality monitoring for an additional year at no additional cost.**

The second item was the FY2020 Platte River program area accomplishments. Subcommittee members discussed both the LPRCA and Platte River accomplishments with primary focus on the Alliance, the Lower Platte River Watershed Restoration Program, Nebraska Land Trust, ice jam agreement, and stream gages.

The subcommittee reviewed the LRIP and budget codes and master plan visions and objectives associated with the actions and accomplishments.

Following the discussion of the FY2020 Accomplishments, the Subcommittee discussed the FY2021 proposed actions and expenditures and the FY2022-2025 proposed actions and expenditures. There were questions and discussion on support of Tern and Plover Study contribution and Nebraska Land Trust. Hellerich left the meeting at 6:22 p.m. **It was moved by Stevens, seconded by Amen and unanimously approved to submit the final FY2021 actions and budget requests and the FY22-25 actions and proposed expenditures to the Finance and Planning subcommittee for inclusion in the first draft of the FY2021 LPSNRD Budget and LRIP.**

With no further business or discussion, the meeting adjourned at 6:30 p.m.

pc: File



United States Department of the Interior

U.S. GEOLOGICAL SURVEY
Nebraska Water Science Center
5231 South 19th Street
Lincoln, NE 68512-1271

COPY

February 24, 2020

Paul Zillig
Lower Platte South Natural Resources District
P.O. Box 83581
Lincoln, NE 68509-4676

Dear Mr. Zillig:

Enclosed are two copies of Supplemental Joint Funding Agreement No. 16EMNE000290 modification 003 for the Nebraska Army National Guard Chute Monitoring project. The modification extends the end date to April 30, 2021. The modification is to extend water quality monitoring for an additional year. This is a result of flood damages that prevented monitoring in 2019 according to the original scope of the project. Please sign one copy of the agreement and return it to this office as soon as possible. The second copy is for your records.

Work performed with funds from the agreement will be conducted on a fixed-price basis under the authority of statute 43 USC 50. Billings will be rendered quarterly. The results of all work under the agreement will be available for publication by the U.S. Geological Survey.

Please contact Matt Moser at 402-328-4184 if you have any questions concerning this agreement.

Sincerely,

Wesley W. Stone, Acting Director
USGS Nebraska Water Science Center

2 Enclosures

DUNS No. 949286512

COPY

Agreement No. 16EMNE000290
Modification No. 003
Customer No. 6000000121
Cost Center GGEMNR0000
Project NR00GS1
TIN 47-0542969

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SUPPLEMENTAL JOINT FUNDING AGREEMENT
FOR
WATER RESOURCES INVESTIGATIONS

THE GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the **LOWER PLATTE SOUTH NATURAL RESOURCES DISTRICT**, party of the second part, hereby agree to amend the Joint Funding Agreement No. **16EMNE000290** dated August 15, 2016 as follows:

Paragraph 2(a) is hereby **end date changed only** to read as follows:

- (a) \$44,631 by the party of the first part during the period August 15, 2016 to **April 30, 2021**

Paragraph 2(b) is hereby **end date changed only** to read as follows:

- (b) \$131,989 by the party of the second part during the period August 15, 2016 to **April 30, 2021**

Billing for this agreement will be rendered **quarterly**. Payments of bills are due within 60 days after billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30-day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.)

Geological Survey
UNITED STATES
DEPARTMENT OF THE INTERIOR

LOWER PLATTE SOUTH
NATURAL RESOURCES DISTRICT

By Wesley W. Stone
Wesley W. Stone, Acting Director
Nebraska Water Science Center

By _____

Date 2/24/2020

Date _____

USGS DUNS: 949286512

SUBCOMMITTEE: Platte River
PROGRAM AREA: Lower Platte River Corridor Alliance
VISIONS: A, B, C, D, E, F, G, H, I, J, K

FISCAL YEAR 2020 ACCOMPLISHMENTS

ACTIONS	ACCOMPLISHMENTS	FINAL BUDGET		BUDGET CODE	
		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
<p>LPSNRD Support of LPRCA Programs & Projects ^ = Reserve</p> <p>Cooperate on Lower Platte River Corridor Alliance Administration (includes ESRI, website and memberships). Receive payment and have involvement from each partnering agency, if possible.</p>	<p>Collected \$1,000 in dues from 6 of 8 participating agencies. Paid for ESRI website and membership (NACO). Alliance members met once. Meeting was planned for April but has been postponed and may be cancelled.</p>	\$0	\$2,000	419002	302011
			\$6,000	419002	301720
<p>Lower Platte River Restoration and Resiliency Study with Corps (NRD & State)</p> <ul style="list-style-type: none"> • Determine "lead" NRD for study • Reapply for study authorization, if not approved. Receive authorization from USACE for Restoration and Resiliency Study. • Restoration and Resiliency Study initiation, planning and projects. 	<p>Letter of intent was sent to USACE last year. Three NRDs will be meeting with USACE representative to discuss future interest. No obligated funds spent.</p>	\$0	\$0		
		\$0	\$0		
		\$200,000	^\$200,000		
<p>Cooperate on liaison service of Water Strategies, Washington, D.C. for Lower Platte River Corridor issues including appropriations for Lower Platte River Watershed Restoration and Resiliency Study. (See PR)</p>	<p>NRDs maintained agreement with Water Strategies. Renewed agreement with Water Strategies. Continued work with liaison on appropriations for Lower Platte River Restoration and Resiliency Study and related efforts.</p>	\$0	\$0		
<p>Participate in Nebraska Land Trust meetings and in Lower Platte River Workgroup, when needed</p>	<p>Continue to participate when needed.</p>	\$0	\$0		
<p>Monitor Platte River Ice Jam Agreement.</p>	<p>NRDs and counties continue to participate in the Ice Jam Agreement.</p>	\$0	\$0		
<p>Monitor Lower Platte River instream flow review & basin determination / integrated management.</p>	<p>Continue to monitor.</p>	\$0	\$0		

ACTIONS	ACCOMPLISHMENTS	FINAL BUDGET		BUDGET CODE	
		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
Environmental Suitability Assessment (LPRCA) <ul style="list-style-type: none"> • ESRI Agreement • City County Meetings 	<ul style="list-style-type: none"> • Maintained Agreement and service • Although limited, continued correspondence with City / County personnel and officials and with special groups. Provided information when requested. 	\$2,502 \$0	\$0 \$0	419006	302014
WQ Stream Gauge Monitoring Network <ul style="list-style-type: none"> • Continuation of existing agreement--3 sites (Platte @ Louisville, Salt @ Ashland & Elkhorn @ Waterloo) • Leshara Site Agreement continuation • Platte River Chutes Site Agreement (\$83,815 on contract has been paid by Guard and \$34,200 is in Reserves) • Approve new agreement for Platte River Chutes. 	<ul style="list-style-type: none"> • Completed 13th year of real-time water quality monitoring at three sites. Began new Agreement with USGS in March 2019. Expires June 30, 2022. • Completed 4 years of real-time water-quality monitoring of Leshara site. Began new Agreement with USGS in March 2019. Expires June 30, 2022. • Agreement extension for one year due to 2019 flooding. Expires April, 2021. • New Agreement delayed one year w/ approved extension. 	\$122,598 \$32,810 \$34,200 \$42,500	\$122,598 \$32,810 \$0 \$85,000	419006 419006 419006 419006	302014 302014 302014 301724
Education & Outreach <ul style="list-style-type: none"> • Lower Platte River Tour. Set up one tour of the Platte River for Alliance reps and / or LPSNRD and PMRNRD. • Newsletter; kiosks; I&E Materials; Other Events • Advertising; Social Media; Video Production • Website Hosting/Support/Maintenance • Memberships 	<ul style="list-style-type: none"> • No tours held or planned and unlikely until late summer of fall. • No newsletter or other activity conducted. • No advertising was done. • Continued Agreement with Firespring for website. Updated and maintained website. • Membership to NACO. 	\$1,000 \$0 \$0 \$2,010 \$500	\$1,000 \$0 \$0 \$0 \$0	419006 419006 419006 419006 419002	302014 302014 302014 302014 302014
Water Quality Management Plan & Improvements <ul style="list-style-type: none"> • Watershed Management Plan Implementation • Assistance with Wellhead Protection Program updates 	<ul style="list-style-type: none"> • No activity since plan was completed. • No activity. 	\$0 \$0	\$0 \$0	419006	303140
Monitor Water Trail Planning & Development	No activity.	\$0	\$0	419006	303140

ACTIONS	ACCOMPLISHMENTS	FINAL BUDGET		BUDGET CODE	
		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
Programs, Studies and Projects	None planned.	\$0	\$0	419006	
Coordination on Specific Projects	No LPRCA specific projects	\$0	\$0		
Platte River Recovery Implementation Program--review panel / coordination	Continued monitoring efforts to extend the Platte River Recovery Implementation Program.	\$0	\$0		
Support efforts to control invasive species and noxious weeds along the Lower Platte River. Participation with the counties and the Lower Platte Weed Management Area (LPWMA) group.	Continued coordination, support efforts and participation with LPWMA.	\$0	\$0		

SUBCOMMITTEE: Platte River
PROGRAM AREA: Platte River
VISIONS: A, B, C, D, E, F, G, H, I, J, K

FISCAL YEAR 2020 ACCOMPLISHMENTS

ACTIONS	ACCOMPLISHMENTS	FINAL BUDGET		BUDGET CODE	
		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
LPSNRD Support of LPRCA Programs & Projects ^ = LPSNRD costs ^^ = Total of LPSNRD costs		^^\$31,578	\$0	419002	302011
Cooperate on Lower Platte River Corridor Alliance Administration.	Continued cooperating with LPRCA activities. Paid \$1,000 dues and attend bi-annual meetings. LPSNRD staff assists with all administration and financial responsibilities, including cash reserve.	^\$1,000	\$0	419002	302011
Environmental Suitability Assessment (LPRCA) <ul style="list-style-type: none"> ESRI Agreement 	<ul style="list-style-type: none"> Contributed to Agreement and service through annual dues. 	\$0	\$0	419006	302014
WQ Monitoring Network (LPRCA) <ul style="list-style-type: none"> Continuation of existing agreement - 3 sites (Platte @ Louisville, Salt @ Ashland & Elkhorn @ Waterloo) Leshara Site Agreement Continuation 	<ul style="list-style-type: none"> Continuation of Agreement with USGS for long-term sites. LPSNRD and PMRNRD participate. Agreement between USGS and LPRCA expires June 30, 2022. Continuation of Agreement for gage. LPSNRD, PMRNRD, LPNNRD, MUD and LWS signed joint funding agreements and contributed equally. Agreement between USGS and LPRCA expires June 30, 2022. 	^\$61,299	\$0	419006	302014
Education & Outreach (LPRCA) <ul style="list-style-type: none"> Lower Platte River Tour Newsletter; kiosks; I&E Materials; Other Events Advertising; Social Media; Video Production Website Hosting/Support/Maintenance Memberships 	<ul style="list-style-type: none"> No tours held or planned. No newsletter or other activity conducted. No advertising was done. Continued LPRCA agreement with Firespring for website. Monitored and updated website. LPRCA membership with NACO. 	^\$500 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	419006 419006 419006 419006	302014 302014 302014 302014

ACTIONS	ACCOMPLISHMENTS	FINAL BUDGET		BUDGET CODE	
		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
Water Quality Management Plan <ul style="list-style-type: none"> Examine and prioritize projects identified in LPRCA WQMP. Identify WQMP 319 Project and apply for 319 Grant. Implementation 	<ul style="list-style-type: none"> Reviewed projects with WQMP. 	\$0	\$0	419006	302014
	<ul style="list-style-type: none"> No projects scheduled in LPRCA WQMP but are pursuing project in district-wide plan. 	\$0	\$0	419006	302014
Monitor Water Trail Planning & Development	Limited involvement at this time.	\$0	\$0		
Lower Platte River Watershed Restoration Study with Corps (NRDs & State) <ul style="list-style-type: none"> Restoration and Resiliency Study initiation, planning and projects 	No activity; waiting for approval. Meeting with three NRDs and USACE is planned to discuss potential study.	\$0	\$0	419017	Contingent Upon Federal Appropriation
Platte River Recovery Implementation Program--review panel/coordination	Continued monitoring the effects of the Platte River Recovery Implementation Plan.	\$0	\$0		
Cooperate on liaison service of Water Strategies, Washington, D.C. for Lower Platte River Corridor issues including appropriations for Lower Platte River Watershed Restoration and Resiliency Study	Maintained Agreement with Water Strategies. PMRNRD handles the agreement.	\$21,600	\$0	419003	
Participate in Nebraska Land Trust and in Lower Platte River Workgroup, when needed	Participated when needed.	\$0	\$0	419009	
Platte River Ice Jam Agreement. (LPSNRD 15% of base fund amount.)	Continued to participate in the Ice Jam Agreement. LPSNRD monitored ice conditions and any ice jams.	\$10,000	\$0	419008	
Monitor Lower Platte River instream flow review & basin determination / integrated management.	Participated in and completed Lower Platte River Basin Plan in FY18. Monitored DNR basin determination review and reviewed the IMP.	\$0	\$0	419010	

ACTIONS	ACCOMPLISHMENTS	FINAL BUDGET		BUDGET CODE	
		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
Western Sarpy / Clear Creek Project <ul style="list-style-type: none"> • Operation and maintenance • Approve O&M Agreement w/ Corps of Engineers • Approve O&M Agreement w/ NRDs 	<ul style="list-style-type: none"> • LPNNRD handles flood fighting and operation and maintenance. Repair work being done from March 2019 floods. The NRD signed PL84-99 repair agreements with the Corps. • No O&M Agreement prepared. • No O&M Agreement prepared. 	\$50,000	\$0	760100	
Continue to monitor status of public water systems and wastewater facilities	Continued coordination with LWS and MUD and other water and wastewater systems.	\$0	\$0		
Offer review and comments on all proposed subdivisions and zoning changes in Corridor	Continued to assist where needed. Monitored proposed changes; continued efforts to coordinate with cities, counties and sand and gravel operations in the Corridor.	\$0	\$0		
Monitor and inspect levees at Omaha Fish & Wildlife Club <ul style="list-style-type: none"> • Sponsor PL 84-99 repairs 	<ul style="list-style-type: none"> • Repair work from March 2019 flooding has been completed. Work paid for through PL 84-99 and Omaha Fish & Wildlife Club. 	\$0	\$0		
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	Coordination with Tern and Plover Partnership; provide support for their annual surveys and other programs.	\$5,000	\$0	419009	
Investigate acquisition of conservation easements to protect bluff and floodplain corridor along the Platte River and Missouri River. Participate as board member of NE Land Trust. Develop a strategy for identifying and evaluating critical areas for protection and landowner education and contacts. (See Cons. Eas.) <ul style="list-style-type: none"> • Agreement with NLT [\$30,000 RFW - Cons. Eas.] • Conservation Easement NET Grant with NLT 	Continued participation as a member of the NTL. LPSNRD is currently in a 3-year Agreement with NLT. <ul style="list-style-type: none"> • Paid and in 3-year Agreement • District staff continues to participate in selecting property on riparian bluff lands in Platte River Corridor. Land Trust compiling list of funding sources to pursue acquisitions on properties in Platte River Corridor. 	\$30,000	\$0	419012	
		\$20,000	\$0	419012	

ACTIONS	ACCOMPLISHMENTS	FINAL BUDGET		BUDGET CODE	
		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
Support efforts to control invasive species and noxious weeds along the Lower Platte River.	Continued to support, participate and coordinate with LPWMA. Providing \$30,000 to PMRNRD for aerial spraying.	\$30,000	\$0	419016	
Platte River Bank Cut restoration	This project was engineered and funded 100% by USACE. Repair work complete.	\$50,000	\$0		

LRIP AND BUDGET STATUS CODES

Code A: Obligations where contracts are in place, expenditures already made, or court or regulatory responsibilities.

1. Construction contract awarded.
2. Professional services contract/agreement awarded.
3. Funds required to reimburse or advance to other agencies for commitments under IL Agreements.
4. Funds to fulfill contractual obligations under agreement with other agencies.
5. Funds necessary to meet regulatory program responsibilities.
6. Funds to meet contracts with landowners.
7. Court-ordered payments.
8. Pass-through funds.
9. Loan repayments.

Code B: Obligations approved by the Board, but not yet contracted or expended.

1. Funds approved for landowner cost-share for practices not installed.
2. Funds committed under IL Agreements to projects/activities not yet contracted or expended by others.
3. Funds required to match approved grants/loans.

Code C: Obligations to operate base level programs and anticipated requests and to move to next component in a scheduled/sequenced project.

1. Funding needs for a base level program.
2. Anticipated; yet unknown, requests for assistance.
3. Doable project, next in a sequence.

Code D: Obligations/commitments to match planned grant applications.

1. Matching funds for grant applications.

Code E: Funds to expand a program, accelerate or complete a project, or start a new program/project not yet approved by the Board.

1. Funding to expand a base level program.
2. Funds to start a new program/activity not yet approved by the Board.
3. Placeholder for future program/activity.

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
A. Sustainable Water Resources	A1. Groundwater quantity and quality is known for the entire NRD	A1a. Create interactive data bases of all hydrogeology and water quality data A1b. Implement a quality and quantity monitoring network of wells in all critical areas A1c. Investigate hydrogeology where data/wells are not available A1d. Develop estimates of groundwater availability, yield, and quality at all locations	6
	A2. Groundwater levels stable and quality meets standards	A2a. Manage quantity and quality consistent with Groundwater Management Plans	6
	A3. Ability to predict changes in groundwater quality and quantity	A3a. Design interactive/predictive models for all geographic areas of management	6
	A4. Areas of interrelated ground and surface water are managed	A4a. Identify and map areas of interrelated ground and surface waters A4b. Implement integrated management plans for each area	6
	A5. Surface waters meet or exceed water quality intended use standards	A5a. Identify and quantify source impairments of desired beneficial uses A5b. Implement plans to preserve or restore desired surface water quality A5c. Install monitoring network in watersheds and in-lakes/streams for water quality	6, 7
	A6. Minimum streamflows are maintained for fish, wildlife, and recreational uses	A6a. Quantify minimum streamflows for each critical stream segment A6b. Acquire instream flow rights on priority segments A6c. Implement a program to protect and/or supplement streamflows A6d. Establish a monitoring network on instream flow stream segments	6, 7, 10
	A7. Wastewaters meet or exceed regulatory standards	A7a. Identify and evaluate all sources of wastewater and treatments A7b. Develop a program to assist with improvements to meet regulatory standards	7, 8
	A8. Domestic water supplies meet or exceed regulatory standards and are of adequate quantity	A8a. Identify and evaluate all domestic water supplies and systems and quality A8b. Develop a plan to protect and enhance existing and future domestic water supplies	5, 6, 7
	A9. Landowners/public all utilize best management practices	A9a. All water users know how much water they use for what purposes A9b. All water users know the quality of their water A9c. Information and education of water users on Best Management Practices A9d. Promote water and energy efficient irrigation practices	1, 4, 5, 6, 7, 10, 12

STATUTORY PURPOSES

1. Erosion prevention and control
2. Prevention of damages from flood water and sediment
3. Flood prevention and control
4. Soil conservation
5. Water supply for any beneficial uses

6. Development, management, utilization and conservation of groundwater and surface water
7. Pollution control
8. Solid waste disposal and sanitary drainage
9. Drainage improvement and channel rectification

10. Development and management of fish and wildlife habitat
11. Development and management of recreational and park facilities
12. Forestry and range management

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE		
B. Low Impact Developments	B1. Developments are compatible with and conserve the site's natural resources and use "green" BMPs	B1a. Include open space in all new residential and commercial developments	1-7,9,10,12		
		B1b. Water-wise landscaping planted in new developments			
		B1c. Integrate stormwater quantity and quality BMPs into all existing and new developments			
		B1d. Require cluster development and shared infrastructure in rural areas			
		B1e. Educate developers and homeowners on "green" BMPs for developments			
		B1f. Require detailed analysis of water supply availability and quality in rural developments			
		B1g. Utilize conservation easements to protect open spaces and natural areas in new developments			
		B1h. Water practices in new developments meet or exceed regulatory standards			
		C1. All floodplains have been accurately mapped		C1a. Utilize newest photography, topography, and models to digitally map floodplains C1b. Update floodplain maps periodically with land use and other changes	2,3
		C2. Floodplains are regulated under a "no adverse impact" policy		C2a. Assist cities and counties to revise ordinances to incorporate "no adverse impact" policy C2b. Assist cities and counties to revise ordinances where appropriate require no net rise/no net loss of storage	2,3
C. Minimal Flood Threat and Damage	C3. Public safety risk from flooding is minimized	C3a. Install and operate flood warning systems in critical areas	2,3		
		C3b. Assist in development of flood response plans in place for all communities and counties			
		C3c. Monument floodplain boundaries in key areas			
		C3d. Assist in establishment of buyer notification of floodplain risks			
		C3e. Educate public about flood threats and response plans			
	C4. Flood damages are reduced or eliminated	C4a. Cooperate in programs to retain floodplains as open space in new developments	2,3		
		C4b. Acquire and hold conservation easements to preserve critical floodplains			
		C4c. Assist in revision to Lincoln's existing urban area ordinances to include storage no rise pensatory			
		C4d. Acquire and relocate high-risk structures from floodplains			
		C4e. Assist in ordinances to require new subdivisions to absorb their stormwater quantity impacts			
C4f. Implement cost-effective and environmentally sound flood storage projects to reduce existing and future flood impacts					

1. Erosion prevention and control
2. Prevention of damages from flood water and sediment
3. Flood prevention and control
4. Soil conservation
5. Water supply for any beneficial uses

STATUTORY PURPOSES

- | | |
|---|--|
| <ol style="list-style-type: none"> 6. Development, management, utilization and conservation of groundwater and surface water 7. Pollution control 8. Solid waste disposal and sanitary drainage 9. Drainage improvement and channel rectification | <ol style="list-style-type: none"> 10. Development and management of fish and wildlife habitat 11. Development and management of recreational and park facilities 12. Forestry and range management |
|---|--|

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
D. Protected natural and unique resource areas	D1. Natural and unique resource areas are identified, assessed, and sustained or enhanced	D1a. Identify the location and extent of natural and unique resources areas	10, 12
		D1b. Conduct environmental baseline assessments of natural and unique resource areas	
		D1c. Monitoring program established to assess changes in resources	
		D1d. Programs are developed to respond to changes in resources on natural and unique resource areas	
		D1e. Ownership or conservation easements are secured over natural and unique resource areas	
		D1f. Educate public on the value of natural and unique areas	
E. Ample natural-resource based recreation	E1. Diverse outdoor recreation opportunities available across the NRD	E1a. New developments incorporate new or replace existing recreation opportunities	11
		E1b. Development of recreation trails connecting communities and significant destinations	
		E1c. NRD projects provide public access where it is appropriate and feasible	
		E1d. Inspect and maintain recreation areas to be safe, clean and attractive	
		E1e. Highlight natural resources education at NRD public access areas	
F. Property managed agricultural lands	F1. Best management practices utilized on all agricultural lands	F1a. Conservation plans implemented on all agricultural lands	1 - 7, 9, 10, 12
		F1b. Agriculture producers use energy-efficient practices	
	F2. Soil losses at or less than sustainable levels	F2a. Treat and manage all lands to soil losses to less than sustainable levels ("T" rates)	1, 4, 7
		F3a. Identify prime agricultural lands and protect from conversion to other uses	
	F3. Agricultural lands managed according to their soil survey capabilities	F3b. Educate land users and public officials about soil capabilities and restrictions	1 - 4, 7, 10, 12
		G1. Urban forests are diversified and enhanced	
G. Healthy forests	G1b. Trees are replaced and diversified in existing urban areas on public lands		
	G2. Rural forestry is expanded in diversity and scope	G2a. Preserve and enhance wooded riparian corridors	10, 12
G2b. Windbreak, energy conservation and wildlife plantings on all rural home sites			

STATUTORY PURPOSES

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6. Development, management, utilization and conservation of groundwater and surface water
7. Pollution control
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9. Drainage improvement and channel rectification

10. Development and management of fish and wildlife habitat
11. Development and management of recreational and park facilities
12. Forestry and range management

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
H. People are responsible conservationists	H1. NRD is a credible source of information on natural resources	H1a. Public views and uses NRD as a credible source of information H1b. NRD prepares and directs information on natural resources to the public	1 - 12
	H2. Public is knowledgeable on natural resources and environmental issues	H2a. Public becomes conservation-minded in their actions H2b. Educate the public about conservation issues resulting in responsible actions	1 - 12
	H3. Agencies and elected officials include natural resources concerns in decision-making	H3a. NRD serve as an advisor to agencies/officials on natural resources H3b. Agencies/officials include natural resource factors in decisions	1 - 12
	H4. Schools provide natural resources education	H4a. Outdoor classrooms are available to students in all grade levels in all schools H4b. Environmental / natural resources curriculum taught at all grade levels in all schools	1 - 12
I. Healthy wildlife habitat	I1. Diverse, dispersed, healthy wildlife populations	I1a. Identify suitable habitats for wildlife throughout NRD I1b. Protect and restore critical habitats/corridors particularly riparian areas I1c. Protect surface water quality in lakes, wetlands, and streams I1d. Public aware and supportive of wildlife habitat protection	10
	I2. Critical habitat for endangered species managed	I2a. Identify and map designated critical habitat for all endangered species I2b. Develop and implement recovery programs for each endangered species I2c. Develop and implement Habitat Conservation Plans as appropriate	10
	I3. Saline wetlands and prairies protected and restored to full functions	I3a. All freshwater and saline wetlands delineated, classified and mapped I3b. Critically sensitive wetlands acquired in fee or by easement by the public I3c. Key wetlands restored to their full function	1 - 7, 10

STATUTORY PURPOSES

1. Erosion prevention and control
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6. Development, management, utilization and conservation of groundwater and surface water
7. Pollution control
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10. Development and management of fish and wildlife habitat
11. Development and management of recreational and park facilities
12. Forestry and range management

GOAL	DESIRED OUTCOMES	OBJECTIVES	STATUTORY PURPOSE
J. Resiliency to changes in climate and clean environment	J1. Mitigation of and adaptation to changes in climate	J1a. Recognize that mitigation of and adaptation to changes in climate are consistent with NRD statutory purposes	1 - 7, 9-12
		J1b. Board and staff study the scientific consensus on the effect of changes in climate on our region in general and Nebraska in particular.	
		J1c. Continually consider the effect of changes in climate when initiating new NRD programs, and when making changes in existing programs	
		J1d. Implement programs and practices that will improve carbon capture potential of land resources as a mitigation tool	
	J2. Energy and conservation practices are everyday activities	J2a. Increase proportion of materials that are recycled and reused	7, 8
		J2b. Construct buildings and infrastructure to use sustainable materials and techniques	
J2c. Energy-efficient and low polluting vehicles become standard.			
K. NRD is a conservation leader	K1. NRD at the forefront of innovative conservation	K1a. NRD conservation programs and projects utilize leading edge conservation technology	1 - 12
		K1b. Utilize research, demonstrations, and education to promote use of better BMPs by the public and agencies	
		K1c. Promote use of sustainable products and practices in construction of NRD projects	

1. Erosion prevention and control
2. Prevention of damages from flood water and sediment
3. Flood prevention and control
4. Soil conservation
5. Water supply for any beneficial uses

STATUTORY PURPOSES

6. Development, management, utilization and conservation of groundwater and surface water
7. Pollution control
8. Solid waste disposal and sanitary drainage
9. Drainage improvement and channel rectification

10. Development and management of fish and wildlife habitat
11. Development and management of recreational and park facilities
12. Forestry and range management

SUBCOMMITTEE: Platte River
PROGRAM AREA: Lower Platte River Corridor Alliance
VISIONS: A, B, C, D, E, F, G, H, I, J, K

FISCAL YEAR 2021

ACTIONS	OBJECTIVES	STATUS CODE	DRAFT BUDGET		PRIORITIES	FINAL BUDGET		BUDGET CODE	
			EXPENDITURE	OTHER FUNDS		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
LPSNRD Support of LPRCA Programs & Projects ^ = Reserve									
Cooperate on Lower Platte River Corridor Alliance Administration (includes ESRI, website and memberships). Receive payment and have involvement from each partnering agency, if possible.	D1a	C1	\$0	\$2,000 \$6,000	1			419002 419002	302011 301720
Host semi-annual Lower Platte River Corridor Alliance meetings.			\$0	\$0					
Lower Platte River Restoration and Resiliency Study with Corps <ul style="list-style-type: none"> Meet with Lower Platte North NRD & Papio-Missouri River NRD and determine if we all are interested in pursuing this study. 			\$0	\$0					
Participate in Nebraska Land Trust meetings and in Lower Platte River Workgroup, when needed.			\$0	\$0					
Monitor Lower Platte River instream flow review & basin determination / integrated management.			\$0	\$0					
Environmental Suitability Assessment projects, information and <ul style="list-style-type: none"> ESRI Agreement City County Meetings 	D1d	A2	\$2,500 \$0	\$0 \$0	5			419002	

FISCAL YEAR 2021

ACTIONS	OBJECTIVES	STATUS CODE	DRAFT BUDGET		PRIORITIES	FINAL BUDGET		BUDGET CODE	
			EXPENDITURE	OTHER FUNDS		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
WQ Stream Gauge Monitoring Network <ul style="list-style-type: none"> Continuation of existing agreement--3 sites (Platte @ Louisville, Salt @ Ashland & Elkhorn@ Waterloo) Leshara Site Agreement continuation Platte River Chutes Site Agreement (\$83,815 on contract has been paid by Guard. 1-yr extension) Approve new three-year agreement for Platte River Chute monitor gage. National Guard will pay total in first year. 	A5c	A4	\$85,816	\$85,816	2			419006	302014
	A5c	A4	\$32,810	\$32,810	3			419006	302014
			\$0	\$0				419006	301724
	A5c	E2	\$33,617	\$70,270	6			419006	301724
Education & Outreach <ul style="list-style-type: none"> Lower Platte River Tour. Set up one tour of the Platte River (for Alliance reps and / or LPSNRD and PMRNRD). Newsletter; kiosks; I&E Materials; Other Events Advertising; Social Media; Video Production Website Hosting/Support/Maintenance Memberships 	D1f	C1	\$1,000	\$1,000	8			419006	302014
			\$0	\$0					
	D1f	C1	\$2,010	\$0	4			419002	
	D1f	C1	\$500	\$0	7			419002	
Water Quality Management Plan & Improvements <ul style="list-style-type: none"> Watershed Management Plan Implementation Assistance with Wellhead Protection Program updates 			\$0	\$0					
Monitor Water Trail Planning & Development			\$0	\$0					
Support efforts to control invasive species and noxious weeds along the Lower Platte River. Participating with the counties and the Lower Platte Weed Management Area (LPWMA) group.			\$0	\$0					

FISCAL YEAR 2022 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on Lower Platte River Corridor Alliance Administration	\$0	\$8,000
Host semi-annual Lower Platte River Corridor Alliance meetings.	\$0	\$0
Approval of Lower Platte River Water Quality Management Plan/Projects with NRDs, State and others	\$0	\$0
Lower Platte River Restoration and Resiliency Study/Projects with Corps of Engineers, NRDs, State and others	\$200,000	\$0
LPRCA Programs		
• Water Quality		
• Monitoring Network	\$107,847	\$74,230
• Programs / Implementation	\$0	\$0
• Planning	\$0	\$0
• Recreation Access	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Outreach & Education	\$6,500	\$0
• Miscellaneous efforts	\$0	\$0
• New agreement for 3 long term sites and Leshara	\$0	\$0
• NE Land Trust	\$0	\$0
• Invasive Species & Noxious Weed Efforts	\$0	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$0	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$0	\$0

FISCAL YEAR 2023 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on Lower Platte River Corridor Alliance Administration	\$0	\$8,000
Host semi-annual Lower Platte River Corridor Alliance meetings.	\$0	\$0
Approval of Lower Platte River Water Quality Management Plan/Projects with NRDs, State and others	\$0	\$0
Lower Platte River Restoration and Resiliency Study/Projects with Corps of Engineers, NRDs, State and others	\$200,000	\$0
LPRCA Programs		
• Water Quality		
• Monitoring Network	\$155,539	\$131,365
• Programs / Implementation	\$0	\$0
• Planning (Update WQMP)	\$60,000	\$36,000
• Recreation Access	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Outreach & Education	\$6,500	\$0
• Miscellaneous efforts	\$0	\$0
• NE Land Trust	\$0	\$0
• Invasive Species & Noxious Weed Efforts	\$0	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$0	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$0	\$0

FISCAL YEAR 2024 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on Lower Platte River Corridor Alliance Administration	\$0	\$8,000
Host semi-annual Lower Platte River Corridor Alliance meetings.	\$0	\$0
Approval of Lower Platte River Water Quality Management Plan/Projects with NRDs, State and others	\$0	\$0
Lower Platte River Restoration and Resiliency Study/Projects with Corps of Engineers, NRDs, State and others	\$200,000	\$0
LPRCA Programs		
• Water Quality		
• Monitoring Network	\$117,356	\$104,877
• Programs / Implementation	\$0	\$0
• Planning (Update WQMP)	\$30,000	\$18,000
• Recreation Access	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Outreach & Education	\$6,500	\$0
• Miscellaneous efforts	\$0	\$0
• New Agreement for Platte River Chute	\$0	\$0
• NE Land Trust	\$0	\$0
• Invasive Species & Noxious Weed Efforts	\$0	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$0	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$0	\$0

FISCAL YEAR 2025 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on Lower Platte River Corridor Alliance Administration	\$0	\$8,000
Host semi-annual Lower Platte River Corridor Alliance meetings.	\$0	\$0
Approval of Lower Platte River Water Quality Management Plan/Projects with NRDs, State and others	\$0	\$0
Lower Platte River Restoration and Resiliency Study/Projects with Corps of Engineers, NRDs, State and others	\$200,000	\$0
LPRCA Programs		
• Water Quality		
• Monitoring Network (National Guard total payment of 3-year agreement)	\$126,874	\$163,527
• Programs / Implementation	\$0	\$0
• Planning	\$0	\$0
• Recreation Access	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Outreach & Education	\$6,500	\$0
• Miscellaneous efforts	\$0	\$0
• NE Land Trust	\$0	\$0
• Invasive Species & Noxious Weed Efforts	\$0	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$0	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$0	\$0

SUBCOMMITTEE: Platte River
PROGRAM AREA: Platte River
VISIONS: A, B, C, D, E, F, G, H, I, J, K

FISCAL YEAR 2021

ACTIONS	OBJECTIVES	STATUS CODE	DRAFT BUDGET		PRIORITY	BUDGET		BUDGET CODE	
			EXPENDITURE	OTHER FUNDS		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
LPSNRD Support of LPRCA Programs & Projects ^ = LPSNRD costs ^^ = Total of LPSNRD costs			^^\$50,970	\$0				419002	302011
Cooperate on Lower Platte River Corridor Alliance Administration.	D1a	C1	^\$1,000	\$0	1			419002	302011
Environmental Suitability Assessment projects, information and • ESRI Agreement			\$0	\$0				419006	302014
WQ Monitoring Network (LPRCA) • Continuation of existing agreement - 3 sites (Platte @ Louisville, Salt @ Ashland & Elkhorn @ Waterloo) • Leshara Site Agreement Continuation	A5c	A4	^\$42,908	\$0	4			419006	302014
	A5c	A4	^\$6,562	\$0	5			419006	302014
Education & Outreach (LPRCA) • Lower Platte River Tour • Newsletter; kiosks; I&E Materials; Other Events • Advertising; Social Media; Video Production • Website Hosting/Support/Maintenance • Memberships	D1f	C1	^\$500	\$0	13			419006	302014
			\$0	\$0				419006	302014
			\$0	\$0				419006	302014
			\$0	\$0				419006	302014
Water Quality Management Plan • Examine and prioritize projects identified in LPRCA WQMP. Identify WQMP 319 Project and apply for 319 Grant. • Implementation	F1a	A2	\$0	\$0	10			419006	
	F1a		\$0	\$0				419013	303140
Monitor Water Trail Planning & Development			\$0	\$0					

FISCAL YEAR 2021

ACTIONS	OBJECTIVES	STATUS CODE	DRAFT BUDGET		PRIORITY	BUDGET		BUDGET CODE	
			EXPENDITURE	OTHER FUNDS		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
Lower Platte River Restoration and Resiliency Study with Corps <ul style="list-style-type: none"> Restoration and Resiliency Study initiation, planning and projects 	D1d	E1	\$0	\$0				419017	Contingent Upon Federal Appropriation
Platte River Recovery Implementation Program--review			\$0	\$0					
Cooperate on liaison service of Water Strategies, Washington, D.C. for Lower Platte River Corridor issues including appropriations for Lower Platte River Restoration and Resiliency Study.	D1d	C1	\$23,000	\$0	6			419003	
Participate in Nebraska Land Trust and in Lower Platte River Workgroup, when needed.			\$0	\$0				419009	
Platte River Ice Jam Agreement. (LPSNRD 15% of base fund amount.)			\$22,500	\$0	3			419008	
Monitor Lower Platte River instream flow review & basin determination / integrated management.			\$10,000	\$0	12			419010	
Western Sarpy / Clear Creek Project <ul style="list-style-type: none"> Operation and maintenance Approve O&M Agreement with Corps Approve O&M Agreement with NRDs 	C4a	A3	\$50,000	\$0	2			419020	
Continue to monitor status of public water systems and wastewater			\$0	\$0					
Monitor and inspect PL84-99 levees at Omaha Fish & Wildlife Club			\$0	\$0					
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	D1b	C1	\$5,000	\$0	9			419009	

FISCAL YEAR 2021

ACTIONS	OBJECTIVES	STATUS CODE	DRAFT BUDGET		PRIORITY	BUDGET		BUDGET CODE	
			EXPENDITURE	OTHER FUNDS		EXPENDITURE	OTHER FUNDS	EXPENDITURE	OTHER FUNDS
Investigate acquisition of conservation easements to protect bluff and floodplain corridor along the Platte River and Missouri River. Participate as board member of NE Land Trust. Develop a strategy for identifying and evaluating critical areas for protection and landowner education and contacts. (See Cons. Eas.) <ul style="list-style-type: none"> • Agreement with NLT • Conservation Easement NET Grant with NLT 	D1e	A3	\$30,000	\$0	8			419012	
	D1e	A3	\$20,000	\$0	11			419012	
Support efforts to control invasive species and noxious weeds along the Lower Platte River.	D1d	C1	\$30,000	\$0	7			419016	

FISCAL YEAR 2022 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on service of Water Strategies for Lower Platte River Corridor. LPR Restoration and Resiliency Study appropriation	\$24,000	\$0
LPRCA Programs		
• Water Quality Monitoring	\$27,272	\$0
• Water Quality Programs/Implementation	\$100,000	\$60,000
• Recreation Access	\$0	\$0
• Lower Platte River Restoration and Resiliency Study w/ Corps. et al	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Admin., Outreach & Education	\$1,500	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$5,000	\$0
Platte River Ice Jam Agreement	\$22,500	\$0
Nebraska Land Trust Agreement	\$30,000	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$10,000	\$0
Western Sarpy / Clear Creek Project	\$50,000	\$0
Invasive Species & Noxious Weed Efforts	\$30,000	\$0

FISCAL YEAR 2023 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on service of Water Strategies for Lower Platte River Corridor. LPR Restoration and Resiliency Study appropriation	\$25,000	\$0
LPRCA Programs		
• Water Quality Monitoring	\$56,822	\$0
• Water Quality Programs/Implementation	\$100,000	\$60,000
• Water Quality Plan Update	\$20,000	\$0
• Recreation Access	\$0	\$0
• Lower Platte River Restoration and Resiliency Study w/ Corps. et al	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Admin., Outreach & Education	\$1,500	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$5,000	\$0
Platte River Ice Jam Agreement	\$22,500	\$0
Nebraska Land Trust Agreement	\$30,000	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$10,000	\$0
Western Sarpy / Clear Creek Project	\$50,000	\$0
Invasive Species & Noxious Weed Efforts	\$30,000	\$0

FISCAL YEAR 2024 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on service of Water Strategies for Lower Platte River Corridor. LPR Restoration and Resiliency Study appropriation	\$26,000	\$0
LPRCA Programs		
• Water Quality Monitoring	\$43,578	\$0
• Water Quality Programs/Implementation	\$100,000	\$60,000
• Water Quality Plan Update	\$10,000	\$0
• Recreation Access	\$0	\$0
• Lower Platte River Restoration and Resiliency Study w/ Corps. et al	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Admin., Outreach & Education	\$1,500	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$5,000	\$0
Platte River Ice Jam Agreement	\$22,500	\$0
Nebraska Land Trust Agreement	\$30,000	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$10,000	\$0
Western Sarpy / Clear Creek Project	\$50,000	\$0
Invasive Species & Noxious Weed Efforts	\$30,000	\$0

FISCAL YEAR 2025 ACTIONS		
	BUDGET	OTHER FUNDS
Cooperate on service of Water Strategies for Lower Platte River Corridor. LPR Restoration and Resiliency Study appropriation	\$27,000	\$0
LPRCA Programs		
• Water Quality Monitoring	\$37,769	\$0
• Water Quality Programs/Implementation	\$100,000	\$60,000
• Water Quality Plan Update	\$0	\$0
• Recreation Access	\$0	\$0
• Lower Platte River Restoration and Resiliency Study w/ Corps. et al	\$0	\$0
• Ecosystem Studies	\$0	\$0
• Admin., Outreach & Education	\$1,500	\$0
Identify and map nesting habitat for terns & plovers including sand bars and sand/gravel pits through involvement with the Tern & Plover Partnership	\$5,000	\$0
Platte River Ice Jam Agreement	\$22,500	\$0
Nebraska Land Trust Agreement	\$30,000	\$0
Monitor Lower Platte River instream flow review & basin determination / integrated management.	\$10,000	\$0
Western Sarpy / Clear Creek Project	\$50,000	\$0
Invasive Species & Noxious Weed Efforts	\$30,000	\$0